



**Stantec**

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July 7, 2008  
File: LV2008008

**Kentucky Office of the 911 Coordinator/CMRS Board**  
200 Mero Street  
Frankfort, KY 40622

**Attention: Mr. Ken Mitchell**

Dear Mr. Mitchell:

**Reference: CMRS Geospatial Audit  
Lexington-Fayette Urban County Govt  
200 E Main St  
Lexington, KY 40507**

The Geospatial Audit of Lexington-Fayette Urban County Govt located in Fayette County was conducted on 6/18/2008. Lexington-Fayette Urban County Govt provides wireless 9-1-1 service for Fayette County.

#### **PSAP MAPPING SUMMARY**

Information on the mapping solution employed by the PSAP was collected as part of the audit process, which includes the type of software and system, the vendor, the version and the layers being used at the time of the audit. In addition, this summary may include notes and observations taken while conducting the audit. 202 KAR 6:100 requires that the mapping solution display the nearest address to an x,y point. The software used by Lexington-Fayette Urban County Govt meets this requirement.

#### **FIELD DATA TESTING**

In accordance to the requirements of the Geospatial Audit, 20 random points for jurisdiction of the PSAP or for each county served by the PSAP were tested by collecting field GPS information and address information and comparing the results of plotting the two elements with the 9-1-1 solution employed by the PSAP. The result of this portion of the audit is that 100% of the points tested met the criteria of the Audit. Passing criteria is that 90% of the points tested shall meet the criteria set forth in 202 KAR 6:100, Section 4, Paragraph 4.

#### **WIRELESS 9-1-1 FUNCTION**

In accordance to the requirements of the Geospatial Audit, 20 wireless 9-1-1 calls were documented for data, software, and mapping function. The result of this portion of the audit is that 95% of the calls documented met the criteria of the Audit. Passing criteria is that 66% of the points tested shall meet the criteria set forth in 202 KAR 6:100, Section 4, Paragraph 3.

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**Reference: CMRS Geospatial Audit**

## CONCLUSION

Mapping Component	<b><u>Meets audit criteria</u></b>
Field Data Component	<b><u>Meets audit criteria with</u></b> 100% of points tested meeting criteria
Wireless Data Component	<b><u>Meets audit criteria with</u></b> 95% of calls tested meeting criteria

Based on the results of the audit, Lexington-Fayette Urban County Govt meets the standards set by legislation and administrative regulation.

The detailed documentation of the audit with observations and recommendations is attached. The documentation is separated into a report of the software and data used by the PSAP with observations and recommendations; Field Data Report; and Wireless Data Report. Please note that supporting printouts and printed maps are included in the electronic copy of this report.

Sincerely,

**Stantec Consulting Services Inc.**

James B. Morse  
GIS Project Manager  
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Attachment: Report Details

c. Files

j:\2008proj\lv2008008\_cmrs\merged summary letter.doc

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# PSAP Mapping Component Summary

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**PSAP Name**                      Lexington-Fayette Urban County Govt

**Address**                      200 E Main St                                      **Audit Date**                      6/18/2008

**City**                              Lexington                                      **Audit Personnel**      MCCORMICKS

**Contact**                      David S Lucas

**Contact Title**              Director of Enhanced 9-1-1

<b>Software</b>	<b>Version</b>	<b>Vendor</b>
QUICKPOINT	3.0	CONTACTONE

## Mapping Layers Used

**Road Centerlines:**      ☒

**Point Addresses:**      ☒

**Ortho Photography:**      ☒

**Other Layers:**      ☒ **Type of 'other' layers used by PSAP:**

The map has 50 plus layers the layers could not be easily printed out and the auditors did not write the layers down.

## Notes and Observations:

Observations and comments: (1 )Our first visit was on June 18,2008 and the IT department was having difficulty getting the Lat/Long points to print out. The same was true of the wireless call plots. Several attempts were made to obtain back up documentation. We completed the Lat/Long portion of the audit with visual verifications of the findings. We agree to return to completed the wireless calls portion for the audit after IT had a chance to ensure copies of the plots could be obtained. We returned to complete the audit on June 24, 2008. Plots of the Lat/Long and the wireless calls were obtained at that time.

The map was last updated 6/12/08. The map is updated bi-weekly on Thursdays. The information is supplied by the GIS Department. The map is physically updated by Donna Gotwalt.

The data and information was obtained from the map by Donna Gotwalt and the wireless calls were obtained by Julie Lainhart